

**PART B - FEE(S) TRANSMITTAL**

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**P.O. Box 1450**  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24998 7590 09/28/2007

DICKSTEIN SHAPIRO LLP  
1825 EYE STREET NW  
Washington, DC 20006-5403

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

|                    |
|--------------------|
| (Depositor's name) |
| (Signature)        |
| (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/534,979      | 05/16/2005  | Takamasa Kato        | H6808.0082/P082     | 1868             |

TITLE OF INVENTION: INFORMATION PROCESSING SYSTEM USING BASE SEQUENCE-RELATED INFORMATION

| APPLN. TYPE  | SMALL ENTITY   | ISSUE FEE DUE  | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE                   | TOTAL FEE(S) DUE                      | DATE DUE   |
|--|--|----------------|---------------------|--|---------------------------------------|------------|
| nonprovisional   | NO   | \$1400         | \$300               | \$0                                    | \$1700                                | 12/28/2007 |
| EXAMINER   | ART UNIT   | CLASS-SUBCLASS |                     |  | 12/31/2007 AWONDAF2 00000139 10534979 |            |
| ZEMAN, MARY K  | 1631   | 702-019000     |                     | 01 FC:1501<br>02 FC:1504<br>03 FC:0001 | 1440.00 OP<br>300.00 OP<br>3.00 OP    |            |
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).   | 2. For printing on the patent front page, list   |                |                     |  |                                       |            |
| <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  | (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  |                |                     |  |                                       |            |
| <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. |                |                     |  |                                       |            |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Hitachi, Ltd.

Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 1

A check is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 04-1073 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Steph G. Soffer Reg. No. 31,063*

Date Dec. 28, 2007

Typed or printed name Mark J. Thronson

Registration No. 33,082

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2008

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,743.00)

| Complete if Known    |                        |
|----------------------|------------------------|
| Application Number   | 10/534,979-Conf. #1868 |
| Filing Date          | May 16, 2005           |
| First Named Inventor | Takamasa Kato          |
| Examiner Name        | M. K. Zeman            |
| Art Unit             | 1631                   |
| Attorney Docket No.  | H6808.0082/P082        |

**METHOD OF PAYMENT** (check all that apply)

Check     Credit Card     Money Order     None     Other (please identify): \_\_\_\_\_  
 Deposit Account    Deposit Account Number: 04-1073    Deposit Account Name: Dickstein Shapiro LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below     Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17     Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Application Type</u> | <u>FILING FEES</u> |                     | <u>SEARCH FEES</u> |                     | <u>EXAMINATION FEES</u> |                     | <u>Fees Paid (\$)</u> |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>         | <u>Small Entity</u> |                       |
| Utility                 | 310                | 155                 | 510                | 255                 | 210                     | 105                 |                       |
| Design                  | 210                | 105                 | 100                | 50                  | 130                     | 65                  |                       |
| Plant                   | 210                | 105                 | 310                | 155                 | 160                     | 80                  |                       |
| Reissue                 | 310                | 155                 | 510                | 255                 | 620                     | 310                 |                       |
| Provisional             | 210                | 105                 | 0                  | 0                   | 0                       | 0                   |                       |

**2. EXCESS CLAIM FEES****Fee Description**

|  |     |     |
|--|-----|-----|
| Each claim over 20 (including Reissues)            | 50  | 25  |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims                          | 360 | 180 |

|                     |                     |                 |                      |
|---------------------|---------------------|-----------------|----------------------|
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 8                   | - 20 =              | x               | =                    |

HP = highest number of total claims paid for, if greater than 20.

|                                  |                      |
|----------------------------------|----------------------|
| <u>Multiple Dependent Claims</u> |                      |
| <u>Fee (\$)</u>                  | <u>Fee Paid (\$)</u> |

|                      |                     |                 |                      |
|----------------------|---------------------|-----------------|----------------------|
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 4                    | - 4 =               | x               | =                    |

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|                     |                     |   |                 |                      |
|---------------------|---------------------|---|-----------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| - 100 =             | /50 =               | (round up to a whole number) x                          | =               |                      |

**4. OTHER FEE(S)**

|   |          |
|---|----------|
| Non-English Specification, \$130 fee (no small entity discount) |          |
| Other (e.g., late filing surcharge): 1501 Utility issue fee     | 1,440.00 |
| 1504 Publication fee for early, voluntary, or normal ...        | 300.00   |
| 8001 Printed copy of patent w/o color                           | 3.00     |

| SUBMITTED BY      |   | Registration No.<br>(Attorney/Agent) | 33,082 / 52,654 | Telephone | (202) 420-4742    |
|-------------------|---|--------------------------------------|-----------------|-----------|-------------------|
| Signature         |   |                                      |                 |           |                   |
| Name (Print/Type) | Mark J. Thompson / Anthony M. Briggs, Jr. |                                      |                 | Date      | December 28, 2007 |